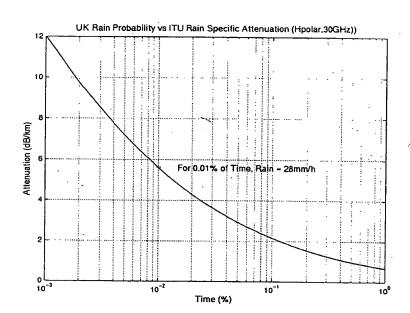
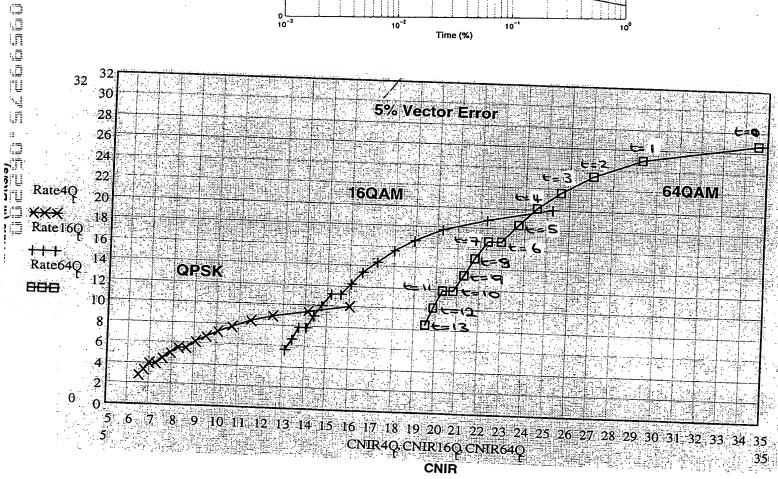
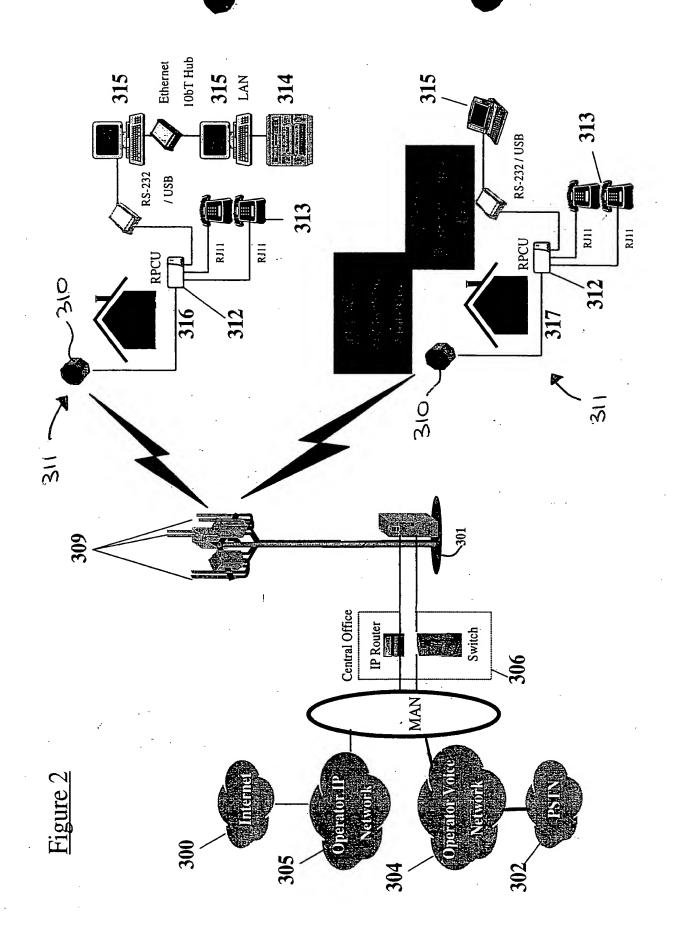
Figure 1:





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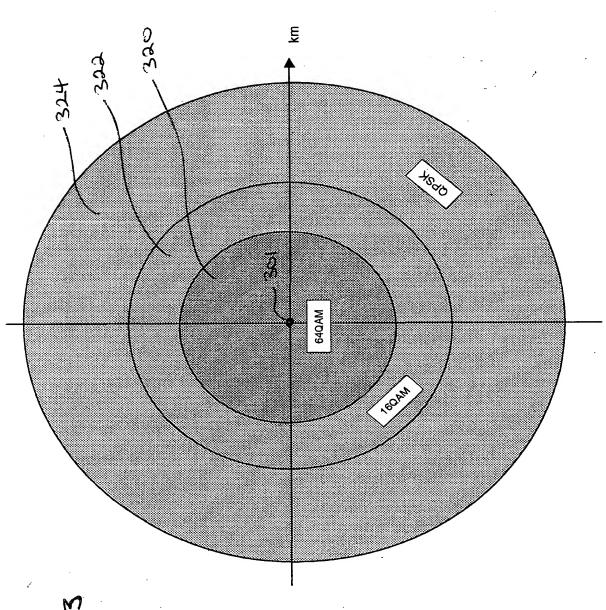


Figure 3

Figure 4: DOWNSTREAM – Base station to subscriber issue 0.2

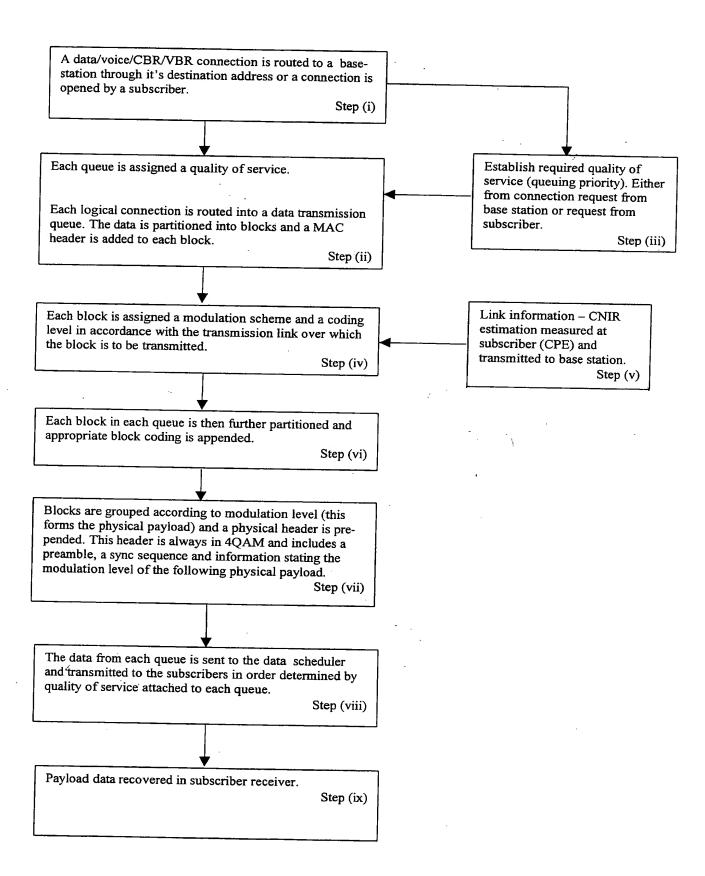
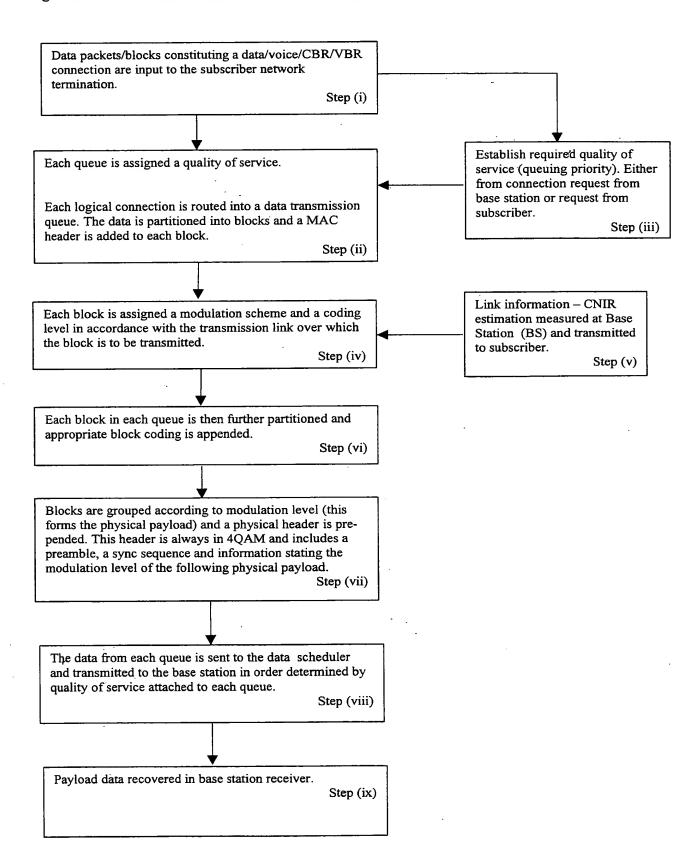
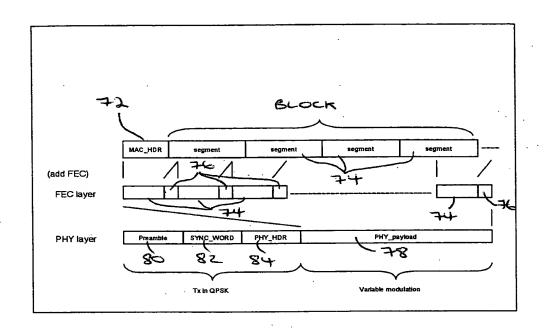
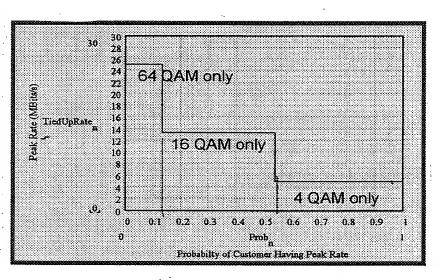


Figure 5: UPSTREAM – Subscriber to base station Issue 0.2







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FIGSa

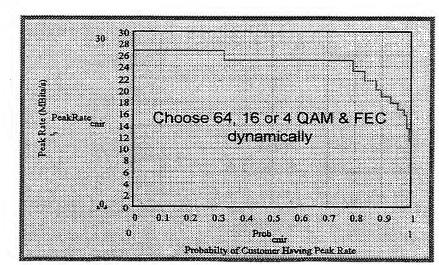
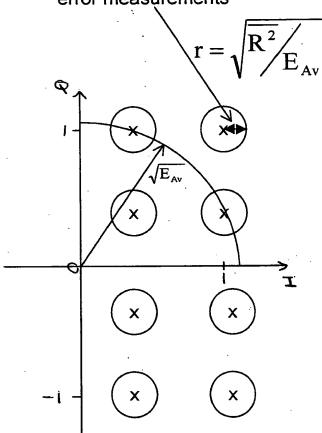


FIG8b

The R are the actual vector error measurements



16QAM

FIGG

